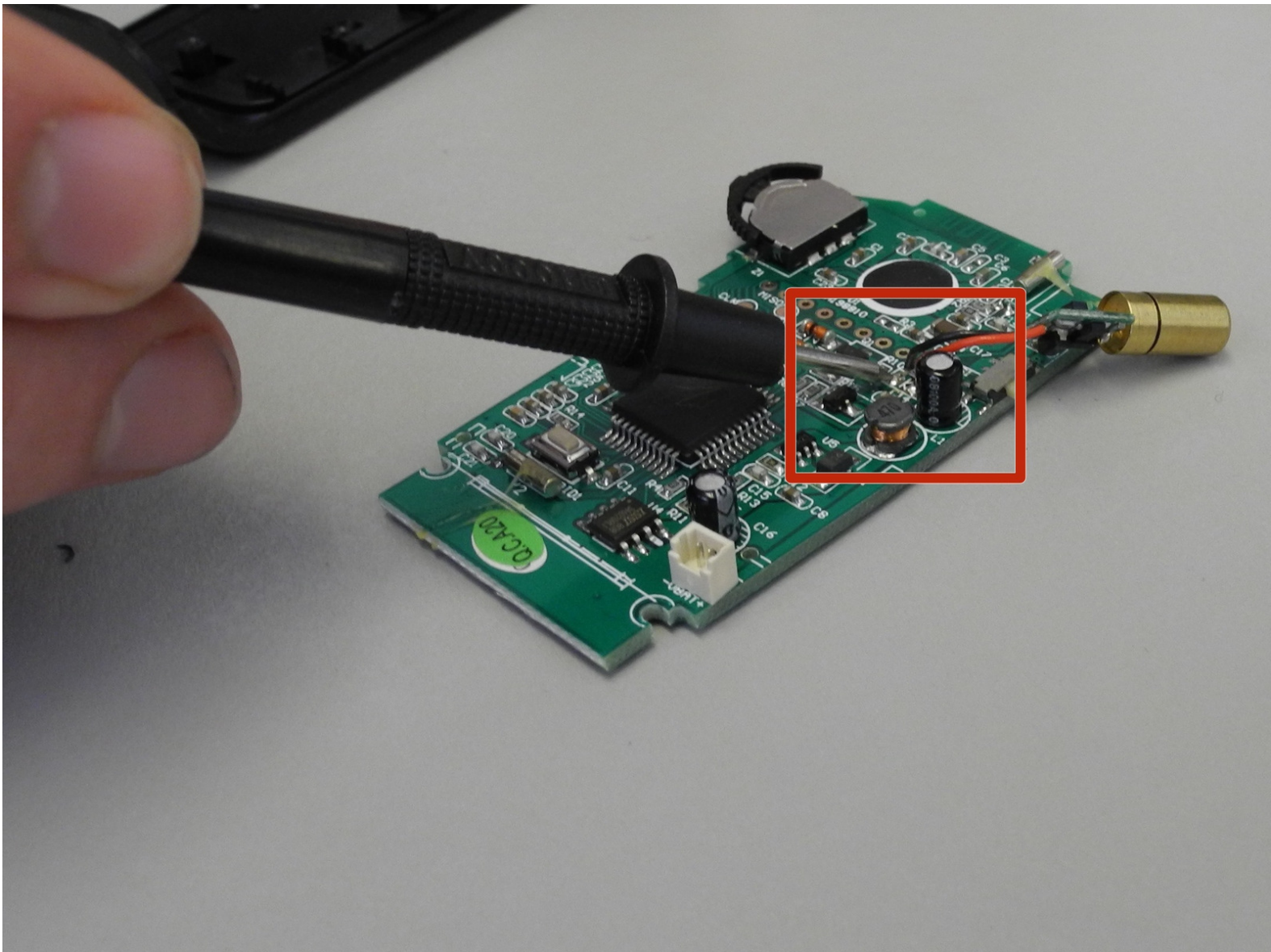




Interlink VP4550 Laser Replacement

Step-by-step guide on replacing the laser in an Interlink VP4550.

Written By: Alayna Bruney





TOOLS:

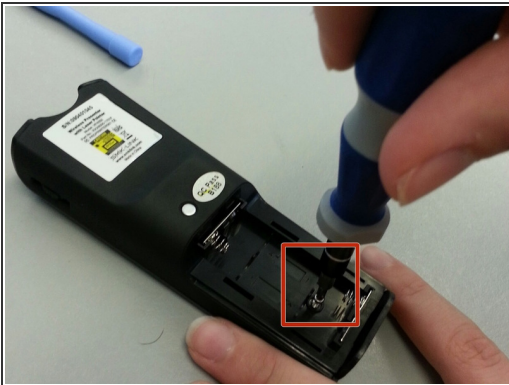
- [Soldering Workstation](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Case



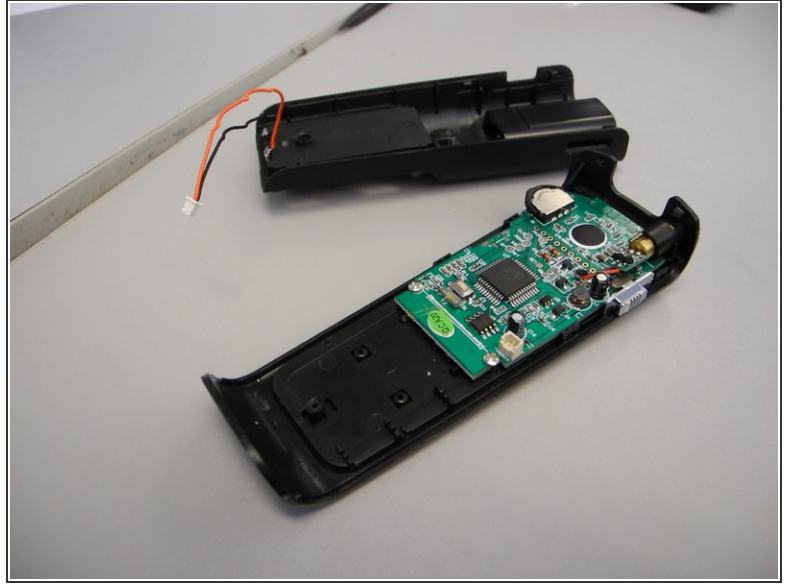
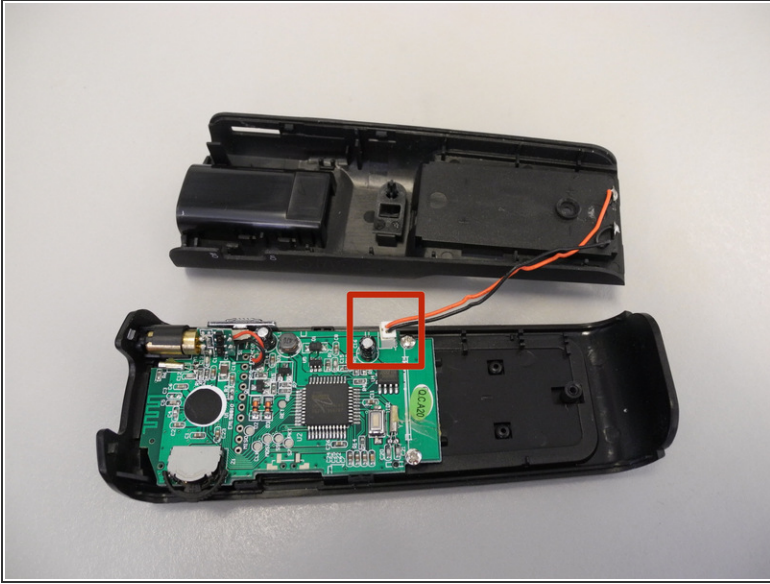
- Remove the battery compartment door located on the back of the device by pushing down on the door with your thumbs to slide the door off of the bottom of the device.
- Remove batteries if necessary.

Step 2



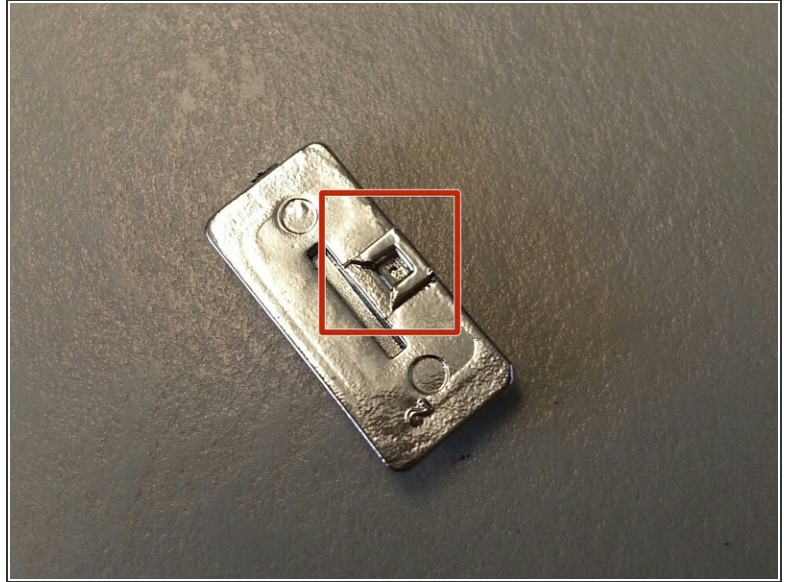
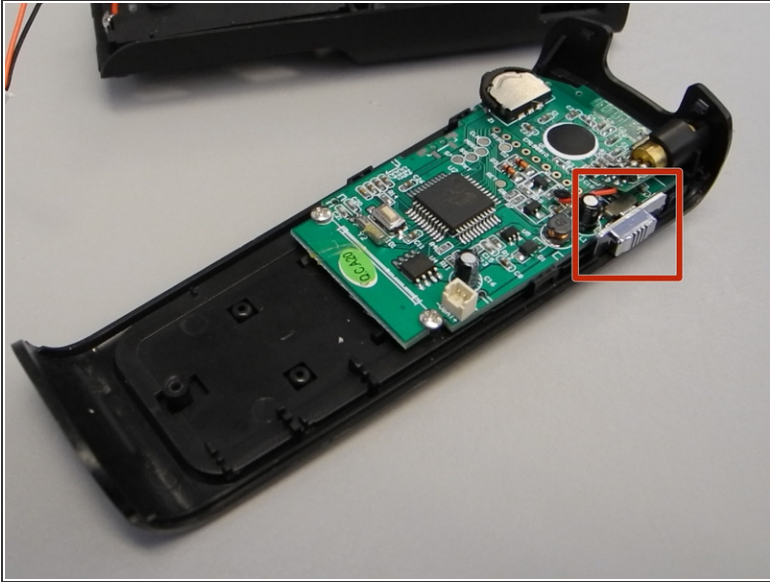
- Locate the screw in the middle of the battery compartment and unscrew with the specified screwdriver.
- Once the screw is removed pry open the case body with the small blue spudger opener by starting at the back of the device and working your way forward until all sides have clicked open.

Step 3



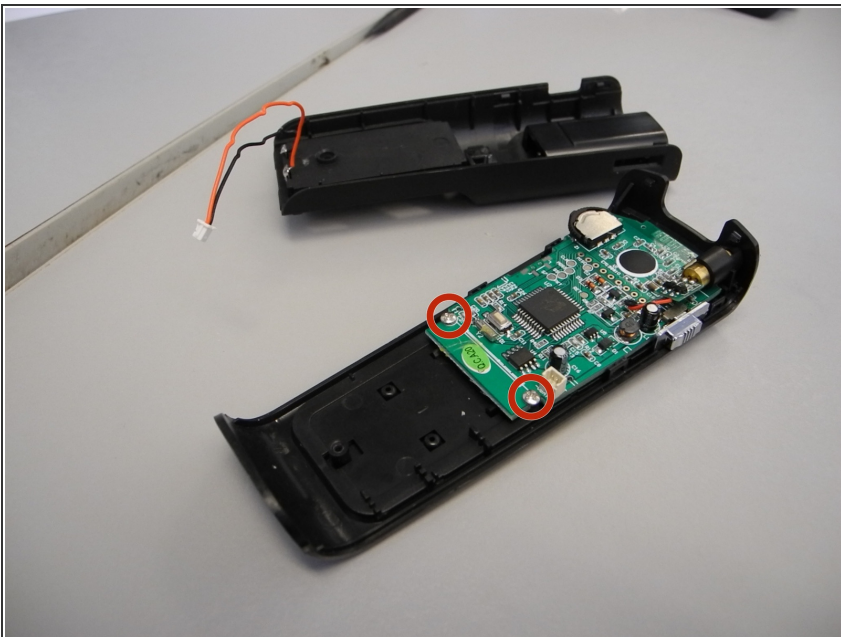
- ⚠ When you have opened the Interlink, notice that there is a wire connector linking the front and the back of the device.
- Carefully pull the wire connectors out of the white connector gauge on the back half of the device to completely separate the two halves.

Step 4



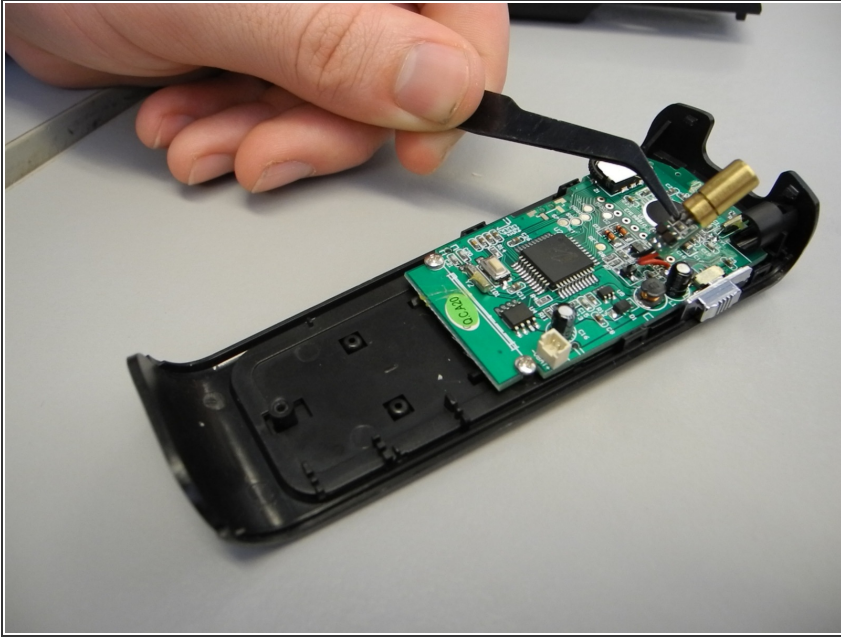
- i** In the event that the power button may fall off when you separate the two halves of the Interlink, find the tiny lever located on the left side of the back half.
- You must insert the tip of the lever into the square indent on the backside of the button.

Step 5 — Circuit Board



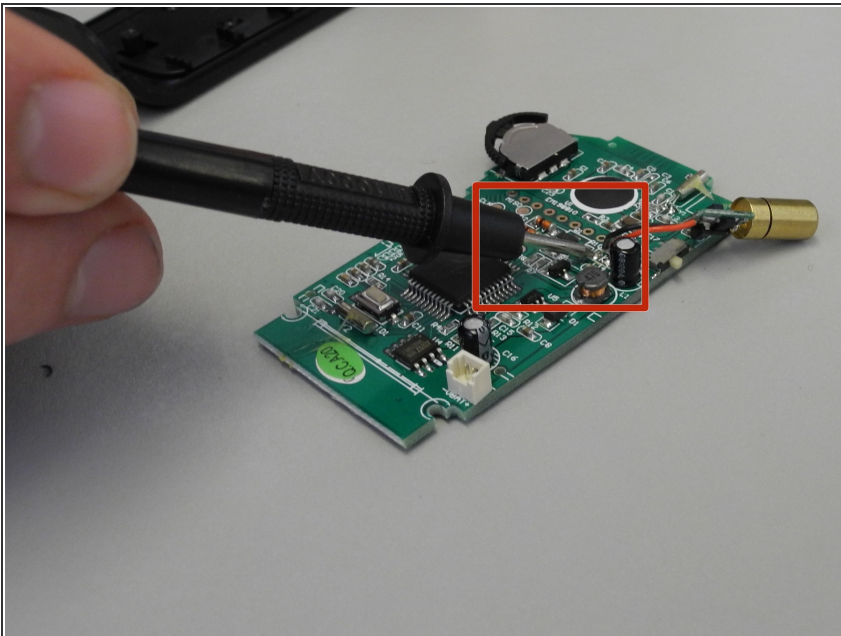
- Use a Philips #0 head screwdriver to remove two screws; one on either side of the circuit board.
- !** Avoid picking up the front of the device as you work so that loose parts will not shift.

Step 6



- Slide the circuit board down from underneath the tab located towards the top of the back half.
- The laser is attached to the circuit board and will slide out of its own housing as you slide out the circuit board. If it doesn't come out, tweezers may be used to gently remove it.

Step 7 — Laser



- Use desoldering braid to remove the red and black wires attached to both the circuit board and the laser bulb.
- When you are ready to attach the new laser bulb, use a soldering iron to solder the new bulb's wires to the circuit board.

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